

South Dakota Cancer Registry Achieves NAACCR Gold Standard

(June 2008)

The South Dakota Cancer Registry (SDCR) has received the Gold Standard Certification from the North American Association of Central Cancer Registries (NAACCR) for the 2008 Call for Data. Currently, there are 75 NAACCR member registries that are eligible to submit data files for the registry certification program. This year a total of 66 population-based cancer registries participated in the 2008 Call for Data for evaluation and confidential feedback.

NAACCR has established gold and silver measures for excellence in the areas of completeness of case ascertainment, quality of data, and timeliness for central cancer registries. The SDCR met the completeness standard by submission of 98% of expected cancer cases for 2005 data. 100% of the cases submitted were error free which met the quality standard; and the timeliness requirement is submission within 23 months of the close of the accession year. Please see the table below for a summary of the data quality criteria and standards.

Summary of Data Quality Criteria and Standards

Criteria	Registry Certification	Fitness of Data for CINA Combined Rates	Fitness of Data for CINA Deluxe File
Data Years	2005	2001-2005	1995-2005
Completeness	90% Silver 95% Gold	Silver (90%) or better	Silver (90%) or better
% Passing EDITS	97% Silver 100% Gold	No errors on critical variables	No errors on critical variables; non-critical variables with errors will be purged (e.g. treatment)
Death Certificate Only Cases	<=5% Silver <=3% Gold	Silver (<=5%) or better	Silver (<=5%) or better
Timeliness	Received by December 3, 2007 (Within 23 Months)	Received by December 3, 2007	Received by December 3, 2007
Duplicate Reports*	<=2/1,000 Silver <=1/1,000 Gold	Silver (<=2/1,000) or better	Silver (<=2/1,000) or better
Missing Data Field Sex, Age, County	<=3% Silver <=2% Gold	Silver (<=3%) or better	Silver (<=3%) or better
Missing Data Field Race	<=5% Silver <=3% Gold	Silver (<=5%) or better	Silver (<=5%) or better
Inter-record EDITS	NA	No errors on critical variables affecting incidence statistics.	Registries with data errors will be excluded from multiple primary studies.

*The duplicate reports criteria for NAACCR Registry Certification is for one year only. For the CINA uses, it is based on the entire span of years submitted within 1995-2005. All other criteria are assessed for each year separately.

The data submitted in the 2008 call for data represents reportable cancer cases diagnosed between the years of 2001-2005. These cases were reported to the SDCR from South Dakota hospitals, physicians, pathology laboratories, and from other states with which South Dakota enjoys voluntary data sharing agreements. The SDCR performs linkages with the Office of Data and Vital Statistics to identify cancers that are diagnosed at death and with the Indian Health Service to correct any American Indians that are racially misclassified.

This is the third consecutive year that the SDCR has been certified since its establishment as a statewide, population-based registry in January 2001. The previous achievements of certification were silver and gold in 2007 and 2006, respectively. In conjunction with the certification, South Dakota cancer data has been published in *Cancer in North America (CINA) 2001-2005*, which can be found at http://www.naaccr.org/index.asp?Col_SectionKey=11&Col_ContentID=50

In addition to meeting the gold standard, the SDCR also achieved the high quality standards for inclusion in the 2005 United States Cancer Statistics (USCS). That publication will be released later this year.

The SDCR is an active cancer surveillance system that serves as the foundation for cancer control and prevention activities. It provides information on the cancer burden in South Dakota to programs that target cancer control and prevention as well as provides data for research related to cancer-control activities in the state. Most of all, it functions to evaluate any potential clustering and to respond to citizen concerns about cancer in the areas where they live.

The South Dakota Department of Health wishes to acknowledge the cooperation and efforts made by hospitals, providers and pathology laboratories. In particular, the SDCR recognizes the crucial role of the South Dakota certified tumor registrars (CTR) for their expertise and tremendous dedication.

Submitted by Kay Dosch, Cancer Registry Coordinator